

4.8 $16 = u_5 = u_1 + (5 - 1)r = u_1 + 4r$

$36 = u_9 = u_1 + (9 - 1)r = u_1 + 8r$

La soustraction de ces équations implique $20 = 4r$ c'est-à-dire $r = 5$.

Par suite $16 = u_1 + 4r = u_1 + 20$ délivre $u_1 = 16 - 20 = -4$.